

CONFIDENTIAL
RESEARCH AND DEVELOPMENT
PROJECT APPROVAL REQUEST

I. Identification

NPIC proposes to add two additional tasks to an existing contract [redacted] The project constitutes a change in scope and is to be funded from the [redacted] allotted to Category VI, Experimental Modifications to Existing Equipment in the Class 700 Detail Sheet of the Financial Plan for 1965. The internal designation of the project is "Design of a Focus Mechanism for the Chip Comparator".

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II. Background

The Plans and Development Staff, NPIC, under Contract [redacted] had designed and built [redacted] a prototype Chip Comparator. This instrument, delivered and installed in July 1964, has far exceeded the design goal of a two micron measuring capability. One-quarter micron repeatability, although not yet proven, is felt to be attainable by the Photo Interpreter with limited training and practice. As a result three more instruments are under contract with a fourth on requisition.

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The Comparator, as designed and built [redacted] did not include the stereo viewing optical system. This portion was contracted [redacted] and was to include a focus mechanism and support assembly as a part of the optical head assembly. Subsequently, it was determined that the focus mechanism could not be satisfactorily designed into the optical head [redacted] and was deleted from the [redacted] effort. Since the Comparator could not be used without a focus capability, [redacted] was asked to design a satisfactory focus mechanism for their instrument. Additionally, the mounting bracket supplied [redacted] was totally inadequate to support the stereo head firmly and accurately [redacted] therefore asked to also design an adequate support assembly.

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III. Contract and Financial Arrangements

The original cost submitted [redacted] for these additional tasks [redacted] An audit was requested by the Contracting Officer and resulted in a reduction [redacted] The revised figure, as audited [redacted] which increases the total contract amount [redacted] The recommended action constitutes a change of scope in the original contract awarded [redacted]

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Declass Review by NIMA / DoD

CONFIDENTIAL

GROUP 1
Excluded from automatic
downgrading and declassification

IV. Coordination

This additional impending contractual action has been coordinated with OL/PD [REDACTED] It is scheduled for presentation [REDACTED] on 25 November 1964. The contractor is willing to accept the audited figure [REDACTED] No further coordination of this project is deemed appropriate.

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V. Security

[REDACTED]

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